



Institute of Health Management Research

MBA Hospital and Health Management

Batch-27th (2022-2024) Hospital Management

Second Year, Term 5 End Term Examination, December 2023

HOM-715 Hospital Planning and Facility Management

Time - 3 Hour

Maximum Marks: 50 (Minimum Marks: 20)

Instructions to students:

- This question paper contains 2 printed pages.
- Don't write anything on the Question Paper except writing your Enrolment No.

Part A

(Maximum Marks: 5)

Q1. Choose the most appropriate option for each of the following (1 mark each):

- (a). Typical components of physical therapy department is/are:
 - (i). Treatment area (cubicles/room)
 - (ii). Gymnasium
 - (iii). Hydrotherapy
 - (iv). All of the above
- (b). Planning for fire protection system would include:
 - (i). Fire Fighting equipment
 - (ii). Fire alarm and fire detection system
 - (iii). Emergency evacuation route
 - (iv). All of the above
- (c). Following are the components of the pathology laboratory except:
 - (i). Hematology
 - (ii). Biochemistry
 - (iii). Microbiology
 - (iv). Echocardiography
- (d). Which member of the project team is entrusted with obtaining permissions (no objection certificates) from regulatory authorities:
 - (i). Construction manager
 - (ii). Hospital Consultant
 - (iii). Hospital Administrator
 - (iv). Municipal/local architect
- (e). Which is not essential in the planning of materials department:
 - (i). Dock for trucks to unload.
 - (ii). Large storage area
 - (iii). Barcoding of material
 - (iv). Close proximity to main entrance of the hospital

Part B

(Maximum Marks: 15)

Q2. Write short notes (with suitable diagrams) on the following:

- (a). Planning and design of a 12 bed ICU unit in a 150-bed multispecialty hospital. (5)
- (b). Planning a pharmacy for a multispecialty hospital provisioning for in-patients, out-patients and walk-in customers. (5)
- (c). Planning considerations of an OT complex with its various component areas. (5)

Part C

(Maximum Marks: 30)

Q3. A private entrepreneur wants to invest in a 150-bed multispecialty hospital in a tier 1 city. You have been appointed as the consultant of the project.

Based on the situation, answer any three of the following questions:

- (a). Discuss your role as a hospital consultant for the project. (10)
- (b). Discuss the various factors you will consider while selecting a site for the project. (10)
- (c). Discuss the special considerations while designing for the disabled. (10)
- (d). Discuss where you would locate the OPD rooms, with particular reference to their interrelationship with other departments. (10)